

Rock glacier Macun 1, Lower Engadin, Switzerland, Version 1

USER GUIDE

How to Cite These Data

As a condition of using these data, you must include a citation:

Barsch, D. and L. King 1998. *Rock glacier Macun 1, Lower Engadin, Switzerland, Version 1*. [Indicate subset used]. Boulder, Colorado USA. NASA National Snow and Ice Data Center Distributed Active Archive Center. <https://doi.org/10.7265/3w9k-nv64>. [Date Accessed].

FOR QUESTIONS ABOUT THESE DATA, CONTACT NSIDC@NSIDC.ORG

FOR CURRENT INFORMATION, VISIT <https://nsidc.org/data/GGD274>



National Snow and Ice Data Center

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Notice: This data set was first published on the [1998 CAPS CD](#).

The text for this document was taken unchanged from that CD.

The rockglacier "Macun 1" is located in the Lower Engadine, Grisons, Swiss Alps and reaches from about 2720 m a.s.l. down to 2610 m a.s.l. (Figure). It has been surveyed by Dietrich Barsch and his co-operators from 1965 until 1997. The results of these measurements are displayed in the Tables. It is intended to continue the survey in intervals of at least every three years. The horizontal displacement, which was rather constant between 1967 and 1988, has increased remarkably in the last years (cf. Zick, 1996).

location: Val Zeznina, Lower Engadine, Grisons, Swiss Alps

type: lobate

active

size: l=500m, w=300/350m

square: 0,2 sqkm

orientation: NNW

elevation of source (m a.l.s.): max. 3050m

elevation of front (m a.l.s.): 2610m

1 DETAILED DATA DESCRIPTION

1.1 Rock Glacier Macun 1, Lower Engadin Detailed, repeated elevation and movement measurement

Note: The two data files below contain references to the areas (in Roman numerals) within the map of the Macun glacier (below) included with this data set. Please reference the map when viewing the data.

- Location: Macun rock glacier, Lower Engadine, Grisons, Swiss Alps, Switzerland
- Time Period: 1965-1997
- File: chmcelv.dat
- Comments: Mean changes of altitudes for selected areas
- File: chmcmov.dat
- Comments: Mean velocities (position) of different rock glacier areas

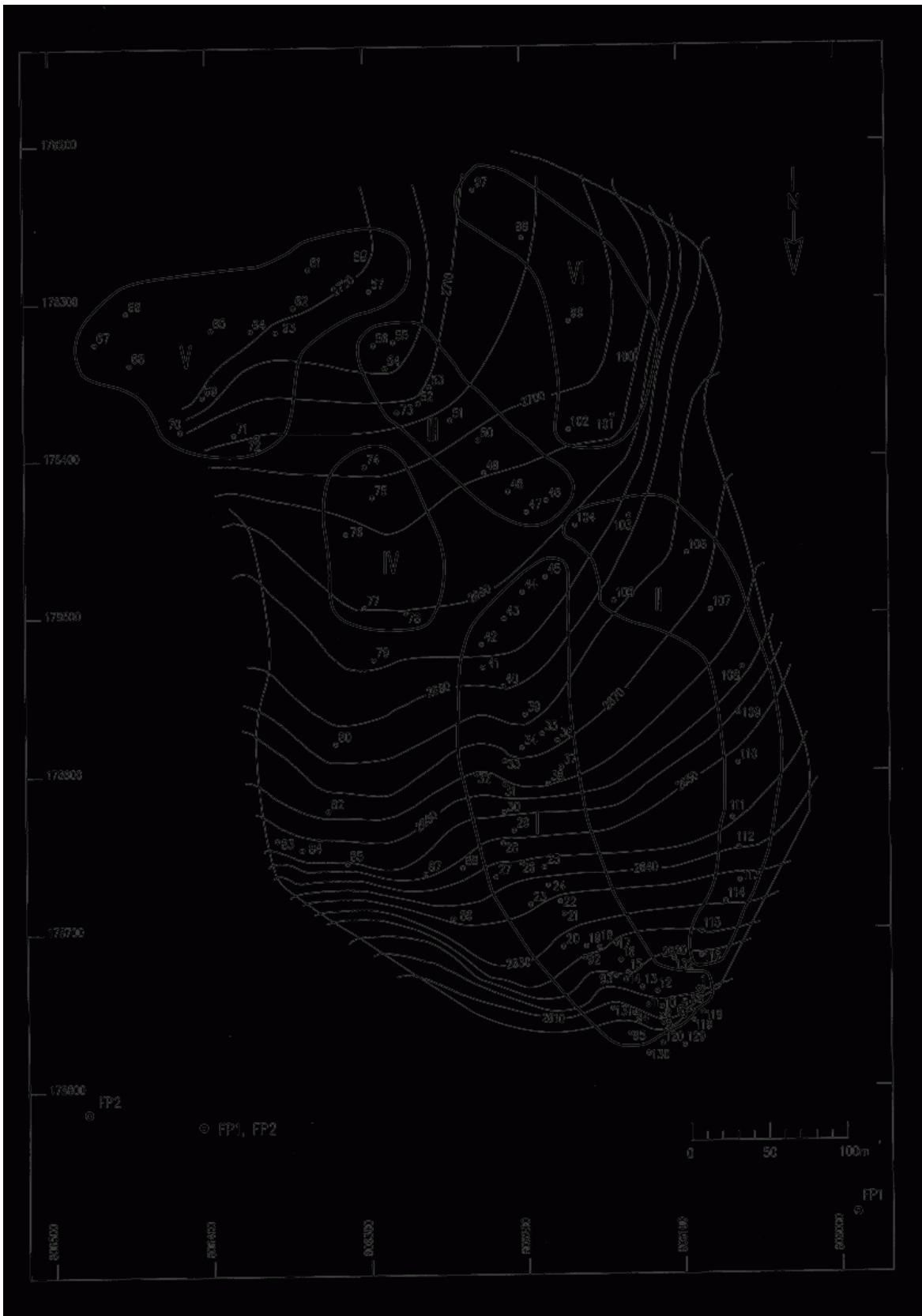


Figure 1.

1.2 Spatial Coverage

1.2.1 Study location

Macun rock glacier, Lower Engadine, Grisons, Swiss Alps, Switzerland

1.2.2 Geographic extent

coordinates:

longitude 10 deg. 08 min. 20 sec. E

latitude 46 deg. 43 min. 40 sec. N

1.3 Temporal Coverage

1.3.1 Period of investigation

Elevation and movement measurements 1965-1997

1.4 Current storage of data - Mark with X as many as are appropriate, or delete those that do not apply:

CD ROM
Paper X
Spreadsheet
Wordprocessor file(s)X
Database

2 REFERENCES AND RELATED PUBLICATIONS

Zick, Wolfgang (1996): Bewegungsmessungen 1965-1994 am Blockgletscher Macun I (Unterengadin/Schweiz) - neue Ergebnisse. - Zs.Geomorphologie N.F., Suppl.-Bd. 104: 59-71

Barsch, D. und Zick, W. (1991) Die Bewegung des Blockgletschers Macun I von 1965-1988 (Unterengadin, Graubunden, Schweiz). Zeitschrift fuer Geomorphologie NF 35: 9-14.

3 CONTACTS AND ACKNOWLEDGMENTS

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4 DOCUMENT INFORMATION

4.1 Publication Date

1998

4.2 Date Last Updated

2021